

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of scanning comprising the steps of:
providing a scanning apparatus having a scanning device and a rotatable sample mount, the mount and at least a portion of the scanning device being relatively linearly displaceable in a direction toward and away from an article held by the ~~mount, the scanning device and mount are relatively displaceable~~ in a direction parallel to a rotary axis of the mount, wherein, when the mount is rotated, a slice scan of the article is produced and, when the mount is rotated and the scanning device and mount are relatively displaced by movement in the direction parallel to the rotary axis, a helical scan of the article is produced;
locating the article on the sample mount such that a first part of the article is scannable by the scanning device;
scanning the first part of the article;
relatively displacing the article with respect to the scanning device whereby a second part of the article is scannable;
noting the relative displacement between the article and the scanning device; and
scanning the second part.
2. (Currently Amended) A method according to ~~claim 1 wherein,~~ claim 1, wherein the article is secured to a receptacle.
3. (Currently Amended) A method according to ~~claim 2 wherein,~~ claim 2, wherein the receptacle is mounted with respect to a slide.
4. (Currently Amended) A method according to ~~claim 1 wherein,~~ claim 1, wherein the article is composed of at least two separate parts whereby during the scanning of the first part, a second part is removed from the receptacle.

5. (Currently Amended) A scanner for the scanning of articles comprising:
a scanning apparatus having a scanning device and a rotatable sample mount, the mount and the scanning ~~apparatus-device~~ being relatively linearly displaceable in a direction toward and away from an article mounted on the rotatable sample ~~mount~~, ~~the scanning device and mount further being relatively displaceable by movement~~ in a direction parallel to a rotary axis of the mount, wherein, when the mount is rotated, a slice scan of the article is produced and, when the mount is rotated and the scanning device and mount are relatively displaced by movement in the direction parallel to the rotary axis, a helical scan of the article is ~~produced, produced;~~

a receptacle mounted on the sample mount, the receptacle being capable of securely accommodating an article; and

an actuator for linearly displacing the receptacle whereby, actuation of the actuator displaces the receptacle and any article secured thereto, with respect to the sample mount.

6. (Currently Amended) A scanner according to ~~claim 5 wherein,~~ claim 5, wherein the article is elongate and the displacement by the actuator is along an axis defined by the elongate axis of the elongate article.

7. (Currently Amended) A scanner according to ~~claim 5 wherein,~~ claim 5, wherein the actuator is a micrometer.

8. (Currently Amended) A scanner according to ~~claim 5 claim 5,~~ including a measurement feature which measures relative positions of different parts of the article.

9. (Currently Amended) A scanner according to ~~claim 8 wherein,~~ claim 8, wherein the measurement feature is a micrometer or a set of Vernier calipers.

10. (Currently Amended) A scanner according to ~~claim 5 wherein,~~ claim 5, wherein the actuator is manual.

11. (Currently Amended) A scanner according to ~~claim 5 wherein,~~ claim 5, wherein the actuator is automatic.

12. (Currently Amended) A scanner according to ~~claim 5 wherein,~~ claim 5, wherein the receptacle has a plurality of defined positions with respect to the sample mount.

13. (New) A scanner for the scanning of articles comprising:
a scanning apparatus having a scanning device and a rotatable sample mount, the mount and the scanning device being relatively linearly displaceable in a direction toward and away from an article mounted on the rotatable sample mount, by movement in a direction parallel to a rotary axis of the mount, wherein, when the mount is rotated, a slice scan of the article is produced and, when the mount is rotated and the scanning device and mount are relatively displaced by movement in the direction parallel to the rotary axis, a helical scan of the article is produced;

a receptacle mounted on the sample mount, the receptacle being capable of securely accommodating an article; and

an actuator for displacing the receptacle, whereby actuation of the actuator displaces the receptacle and any article secured thereto, with respect to the sample mount.

14. (New) A scanner according to claim 13; wherein the article is elongate and the displacement by the actuator is along an axis defined by the elongate axis of the elongate article.

15. (New) A scanner according to claim 13, wherein the actuator is manual.

16. (New) A scanner according to claim 13; wherein the actuator is automatic.

17. (New) A scanner according to claim 5, wherein the receptacle has a plurality of defined positions with respect to the sample mount.

18. (New) A scanner for the scanning of articles comprising:

a scanning apparatus having a scanning device and a rotatable sample mount, the mount and the scanning device being relatively linearly displaceable in a direction toward and away from an article mounted on the rotatable sample mount in a direction parallel to a rotary axis of the mount, wherein, when the mount is rotated, a slice scan of the article is produced and, when the mount is rotated and the scanning device and mount are relatively displaced by movement in the direction parallel to the rotary axis, a helical scan of the article is produced,

a receptacle mounted on the sample mount, the receptacle being capable of securely accommodating an article; and

means for displacing the receptacle with respect to the sample mount.

19. (New) A scanner according to claim 18, wherein the article is elongate and the displacement by the actuator is along an axis defined by the elongate axis of the elongate article.

20. (New) A scanner according to claim 18, wherein the actuator is manual.

21. (New) A scanner according to claim 18, wherein the actuator is automatic.

22. (New) A scanner according to claim 18, wherein the receptacle has a plurality of defined positions with respect to the sample mount.